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Axon Guidance Defects in NFATc2/3/4 Mutant Embryos

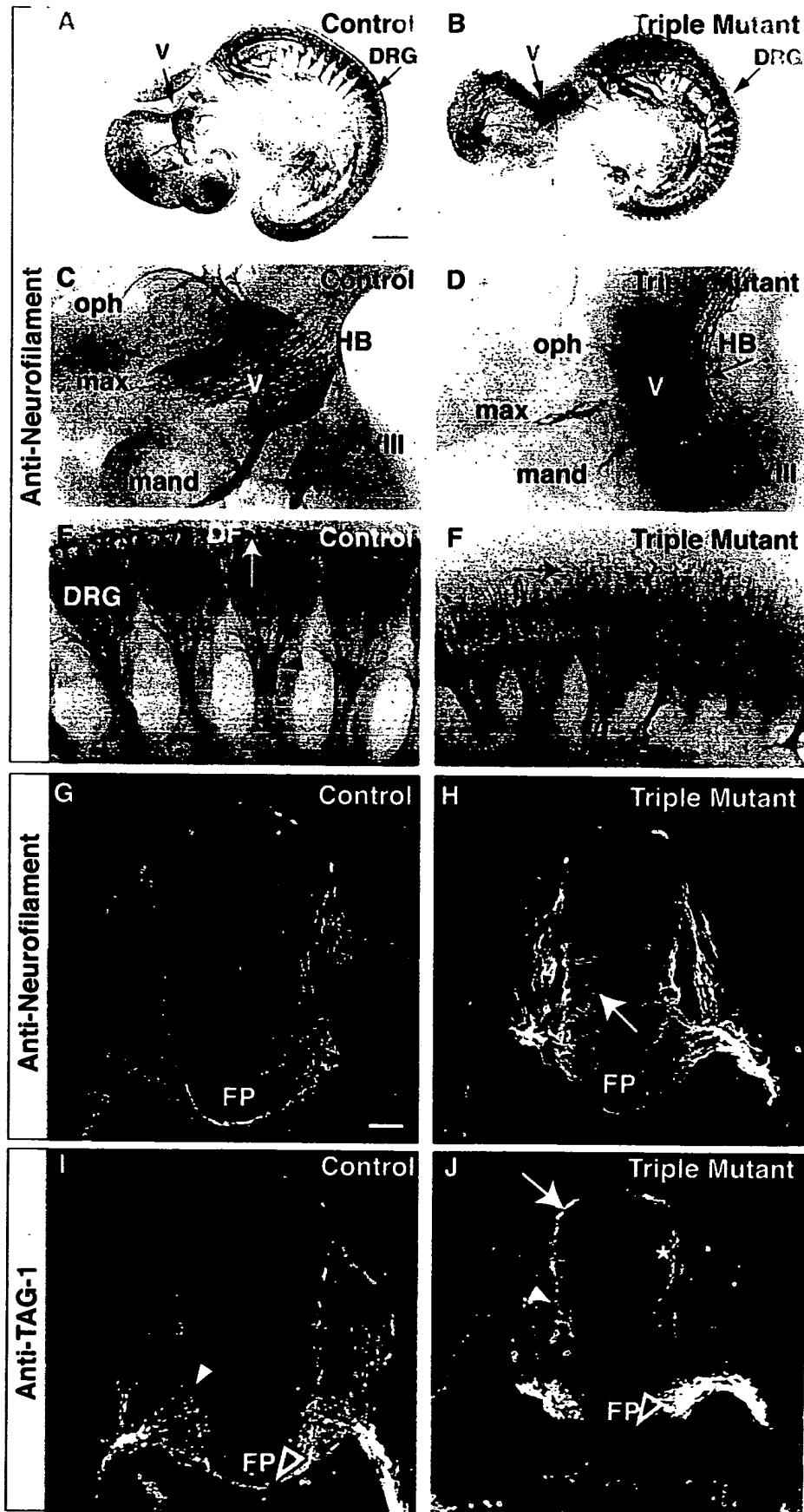


Figure 1 of 16

Pharmacological Calcineurin Inhibition during Embryonic Development Produces Phenotypes Similar to those in NFATc2/c3/c4 Mutant Embryos.

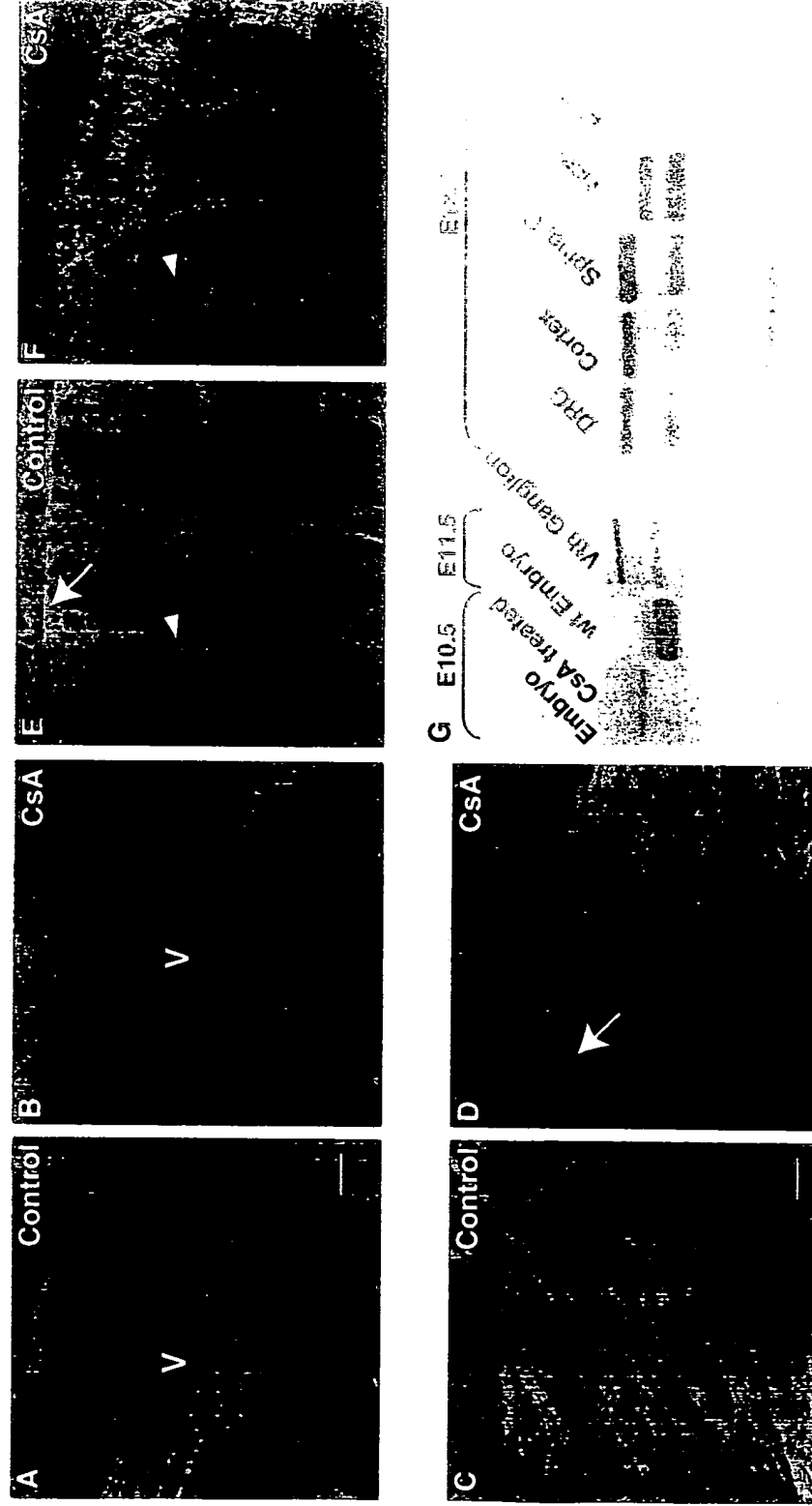


Figure 2

Cell Autonomous Defect of Sensory Axon Growth

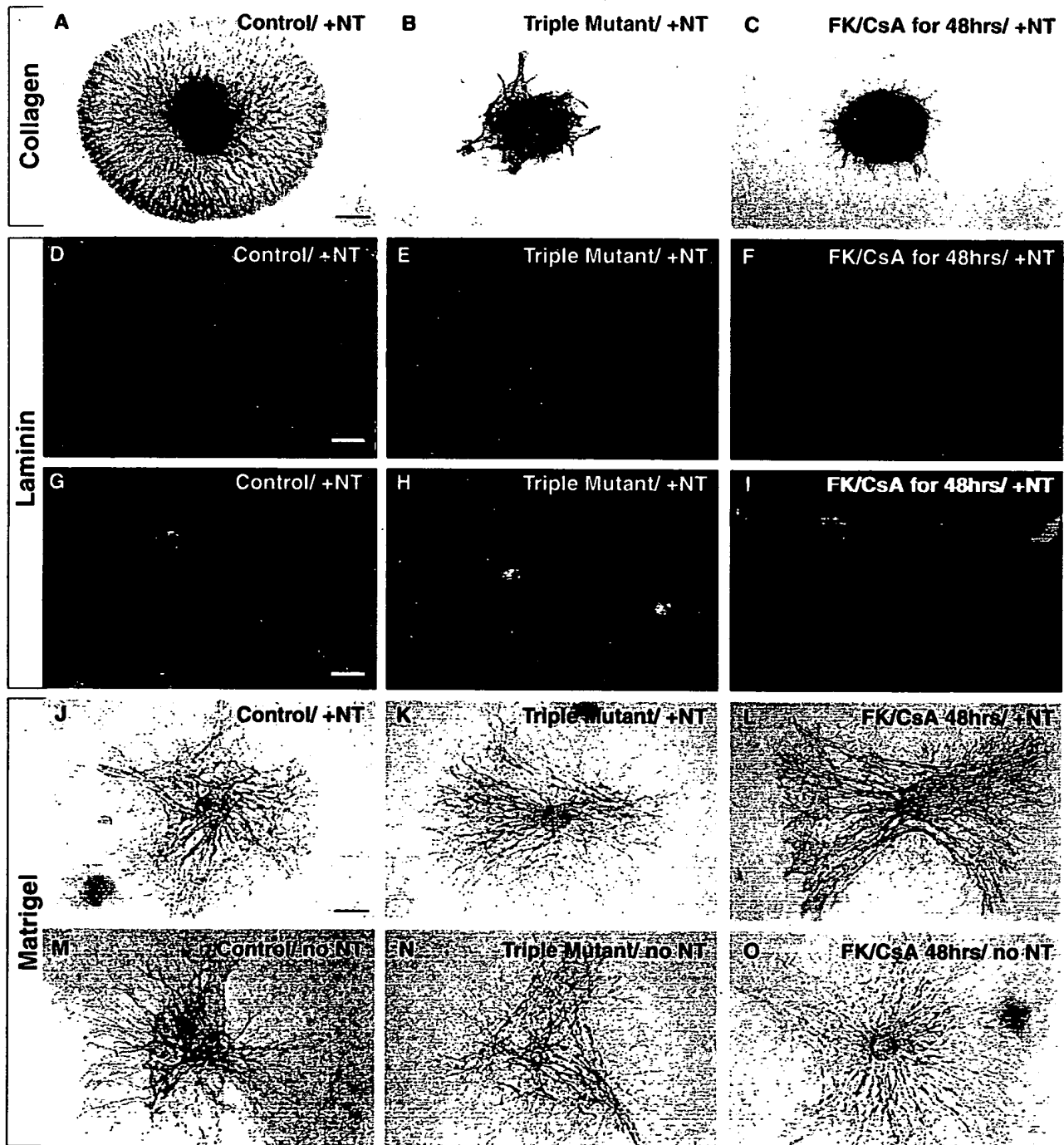


Figure 3 of 16

Neurotrophin-3 (NT-3) is required for Sensory Neuron survival *in vivo*

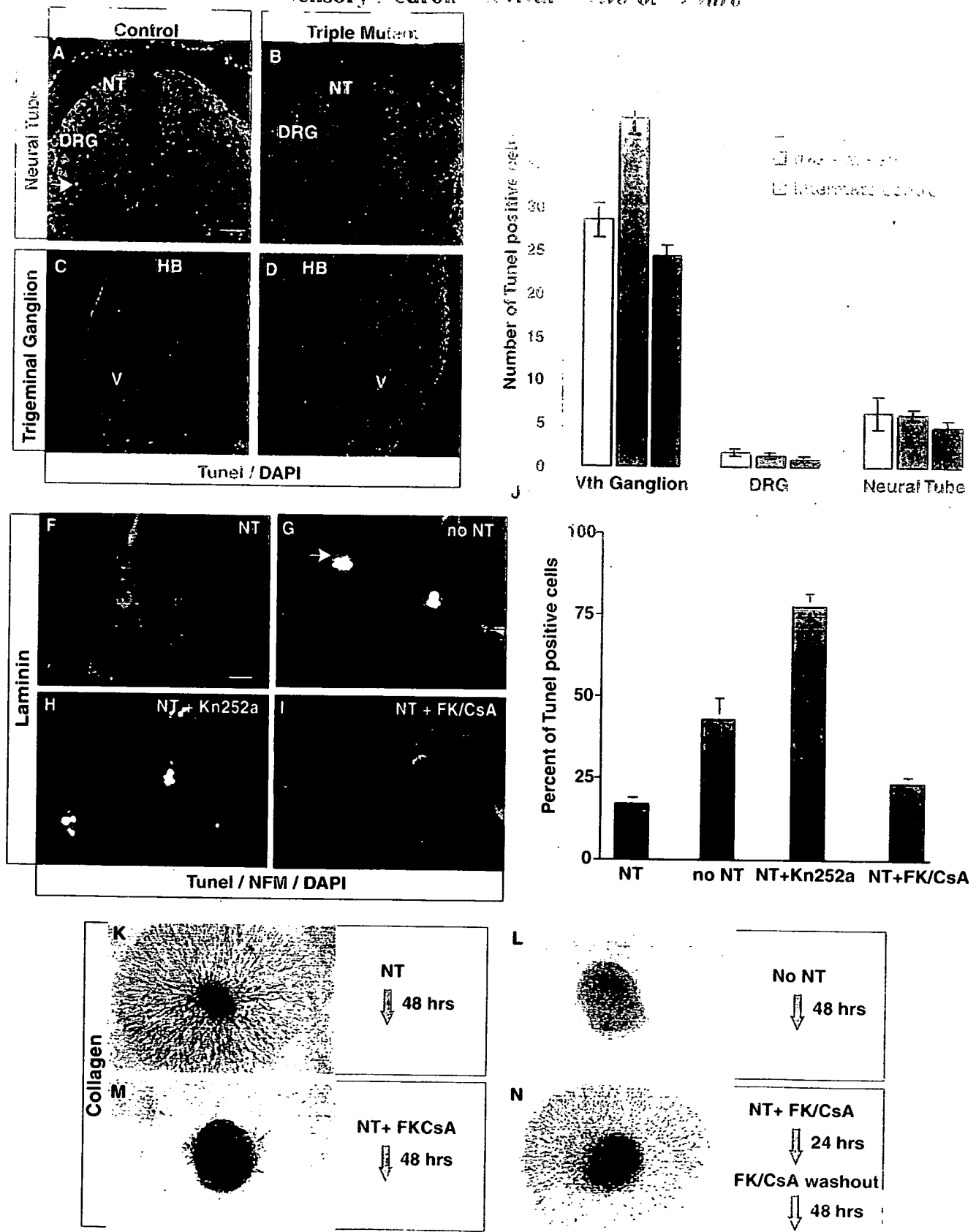
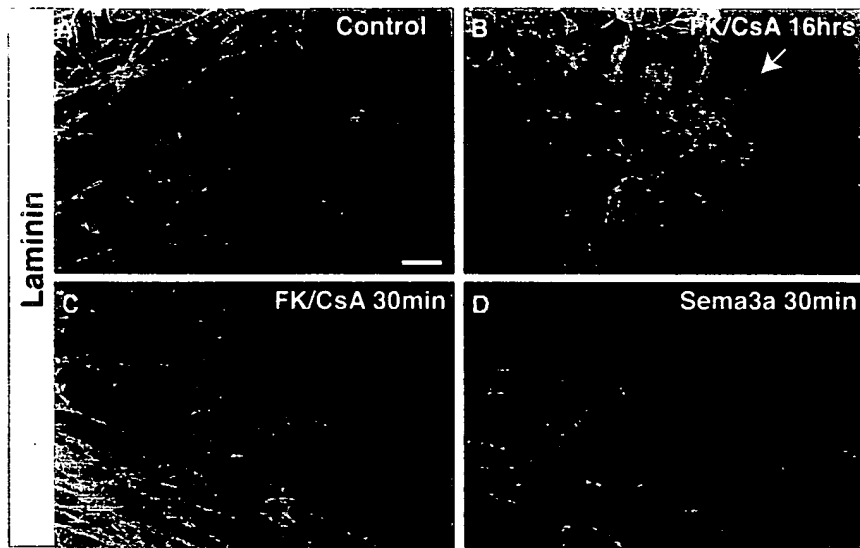


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Calcineurin Inhibition of Neurite Outgrowth
 Occurs with a Several Hour Delay



Neurite Outgrowth Arrest after Calcineurin Inhibition Occurs with a Several Hour Delay

E

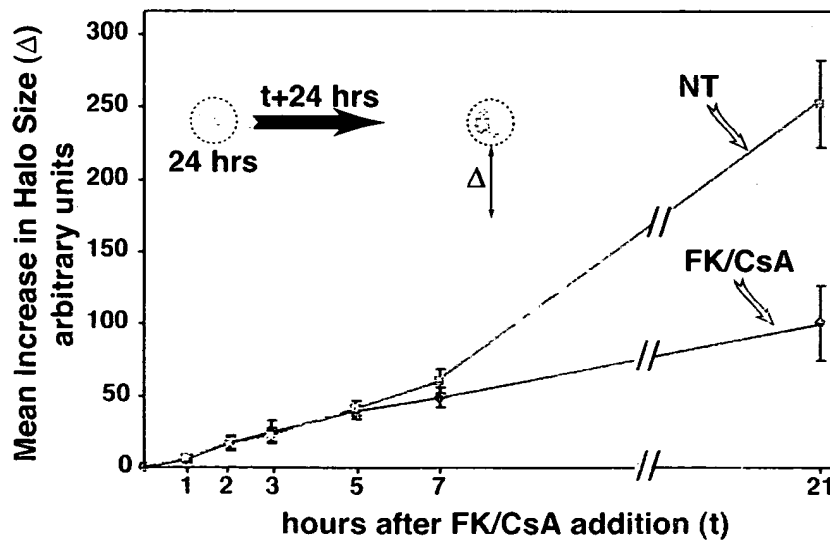


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Transcriptional Regulation of NFATc3 by BDNF and NGF Transcriptional Activation

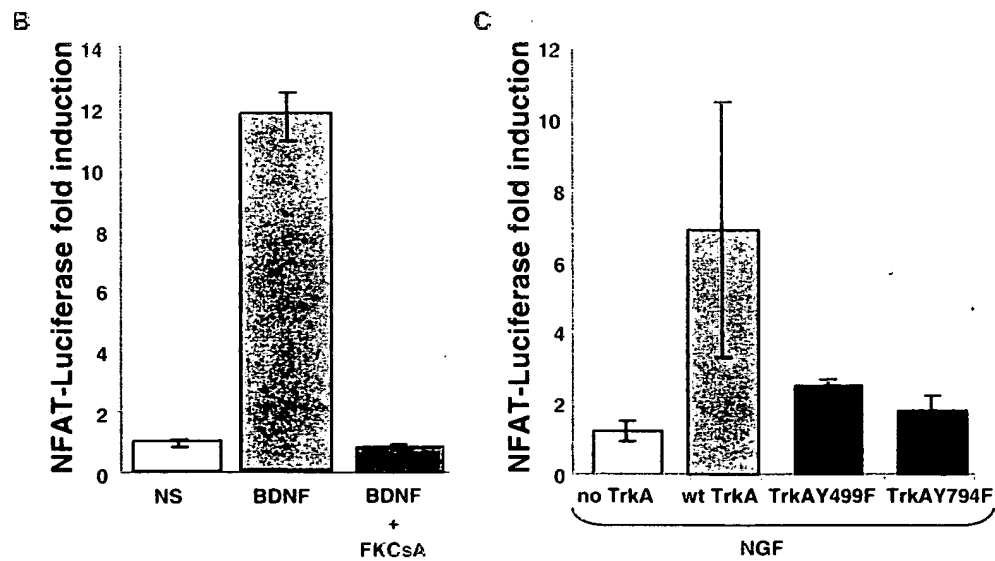
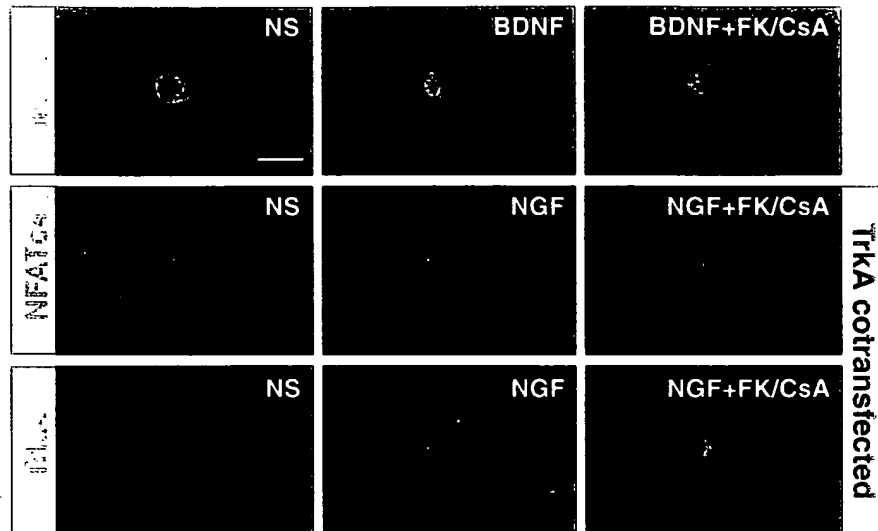


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Neurotrophins Regulate NFATc Translocation and Transcriptional Activation

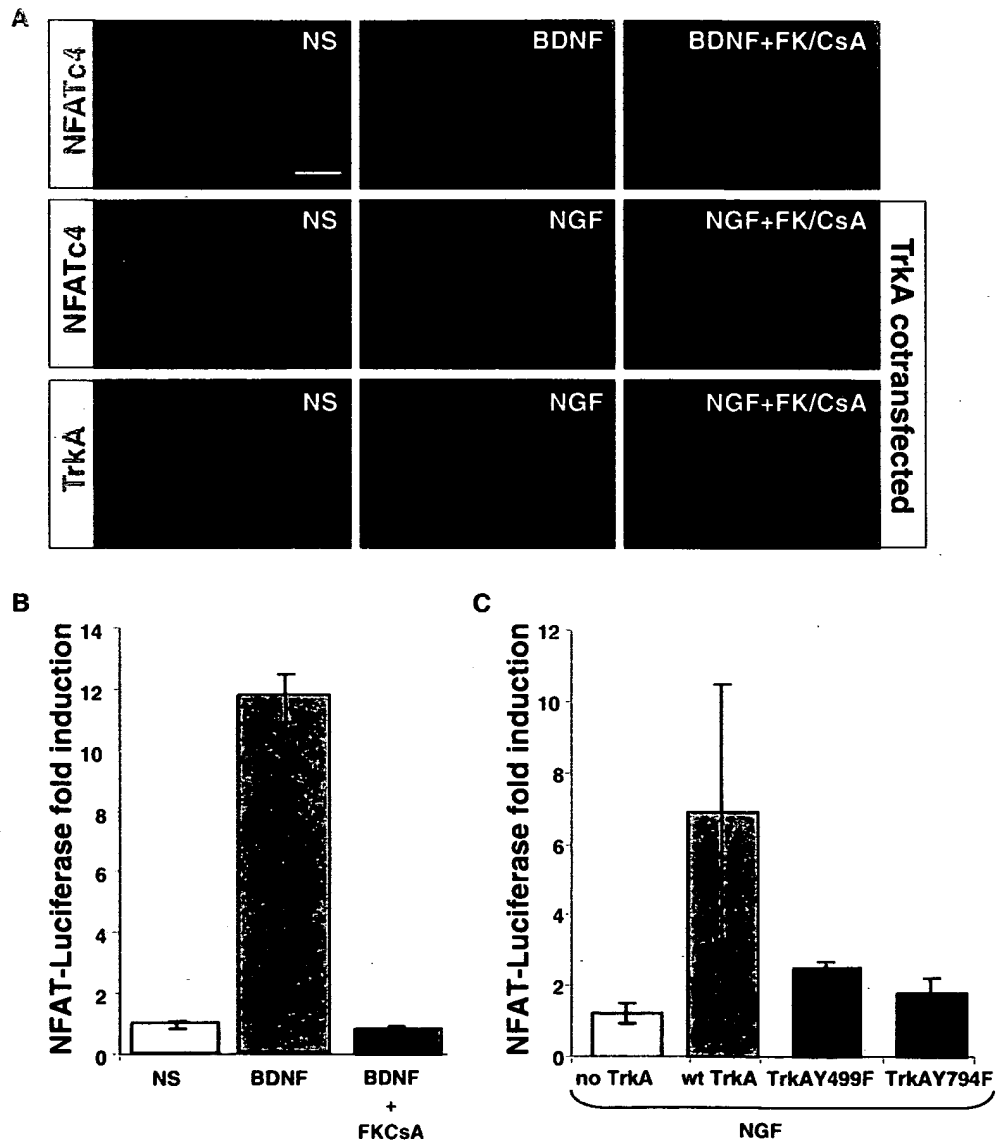


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Inhibition of Calcineurin Blocks Netrin-dependent Growth of Dorsal Spinal Cord Explants

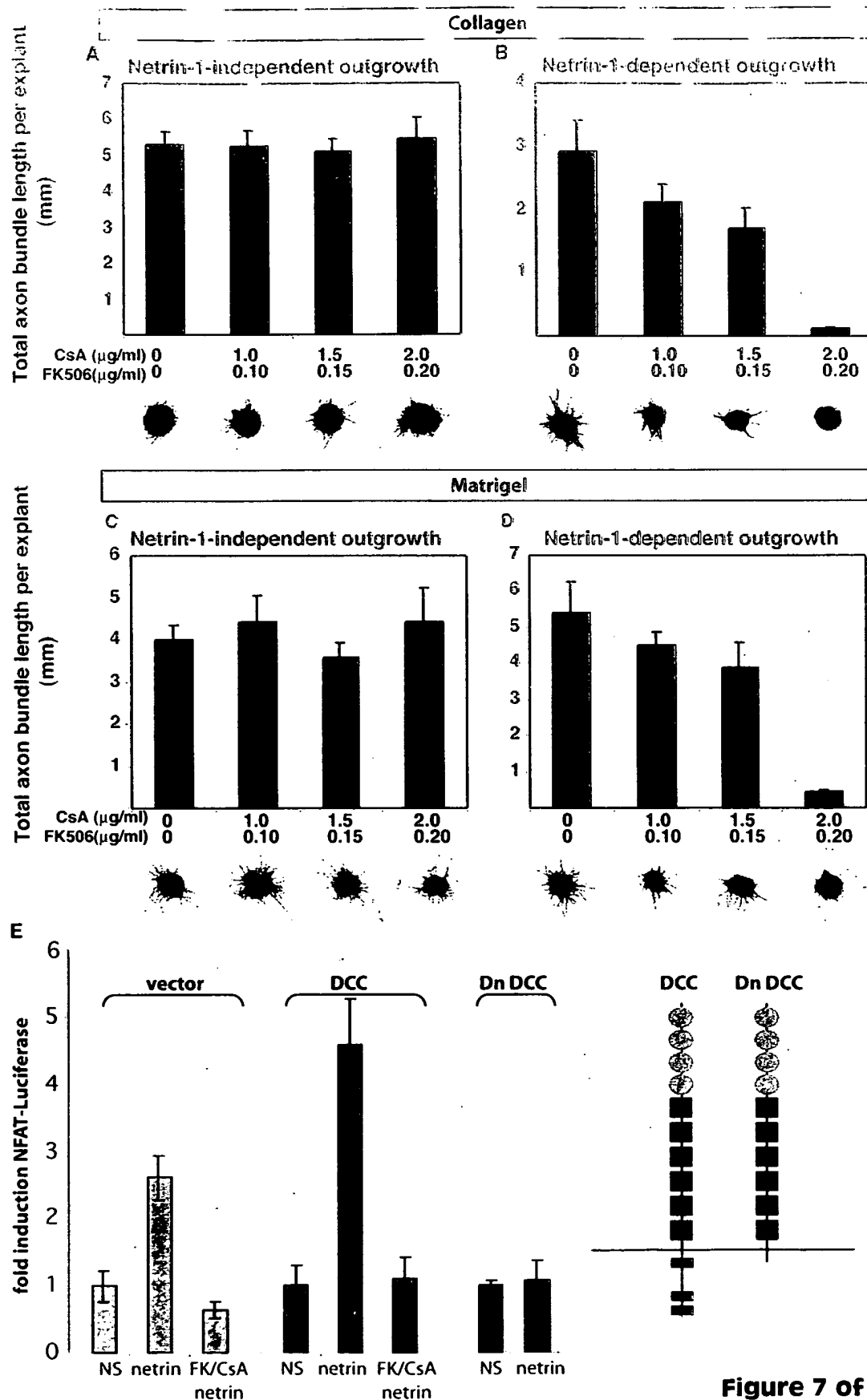


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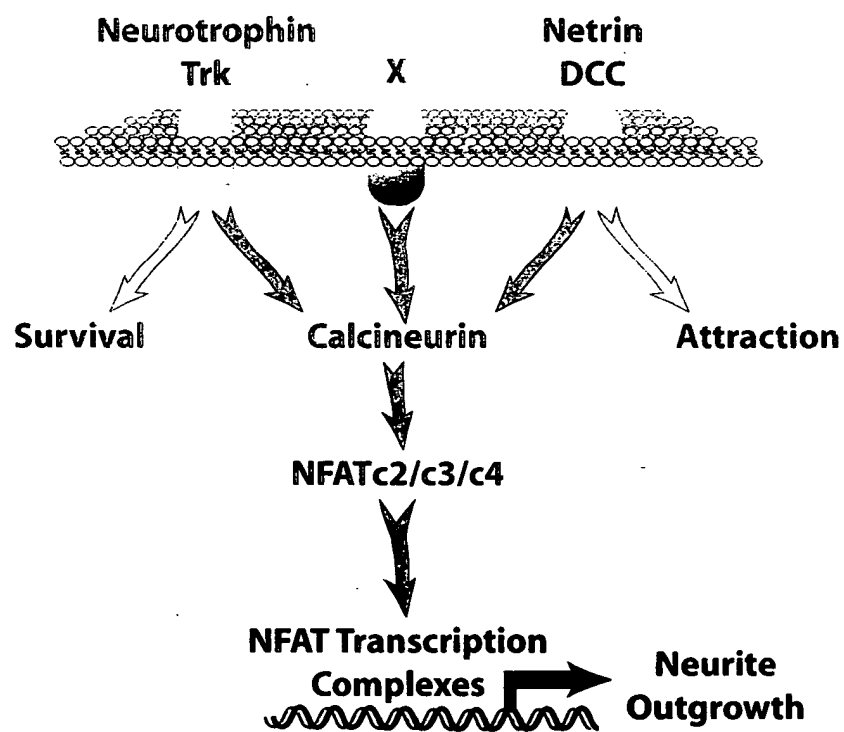


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Axon Guidance Defects in NFATc2/3/4 Mutant Embryos

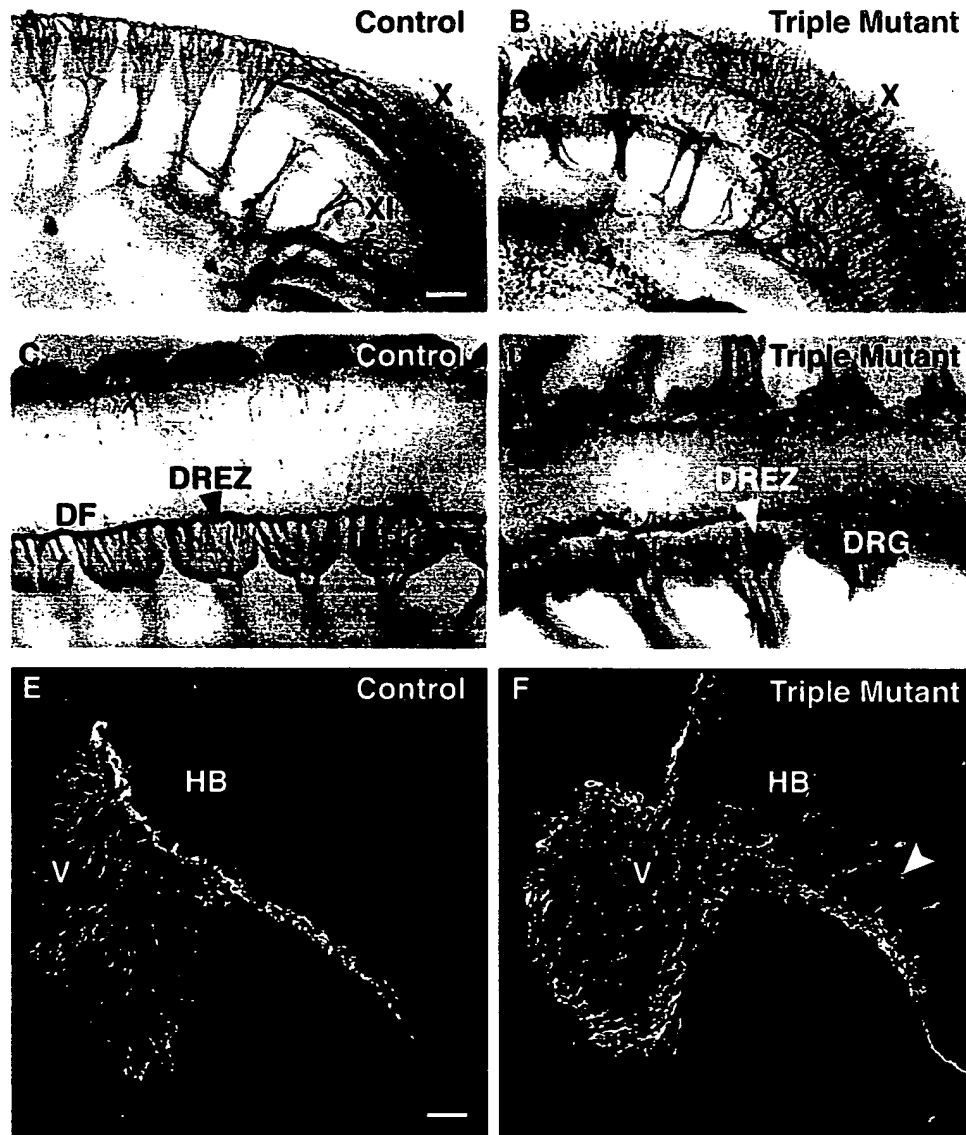


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Normal Cell Type Differentiation of NFATc2/c3/c4 Mutant Neurons

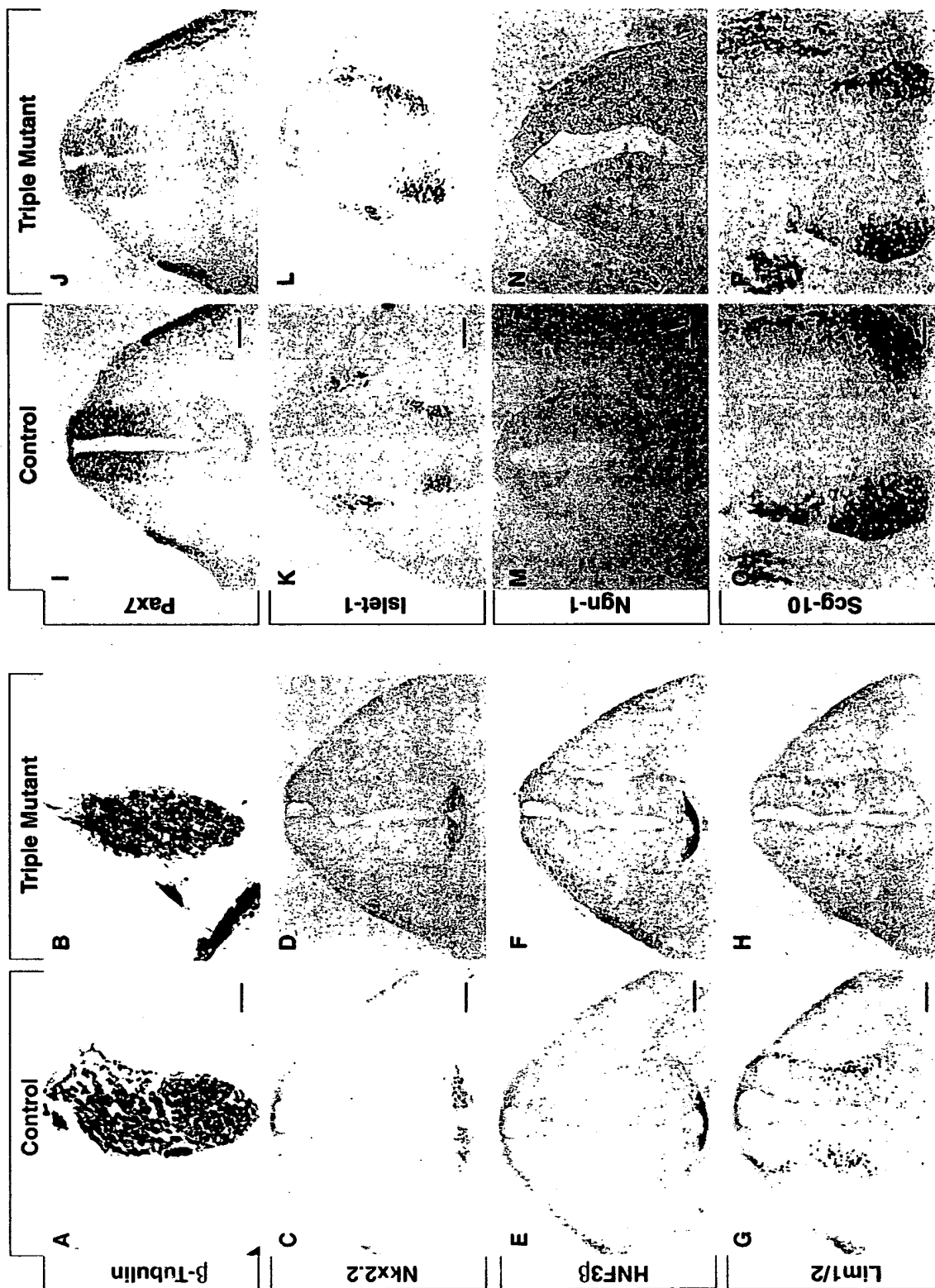


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Inhibition of the NFATc/Calcineurin Pathway Does Not Affect Semaphorin-Induced Growth Cone Collapse

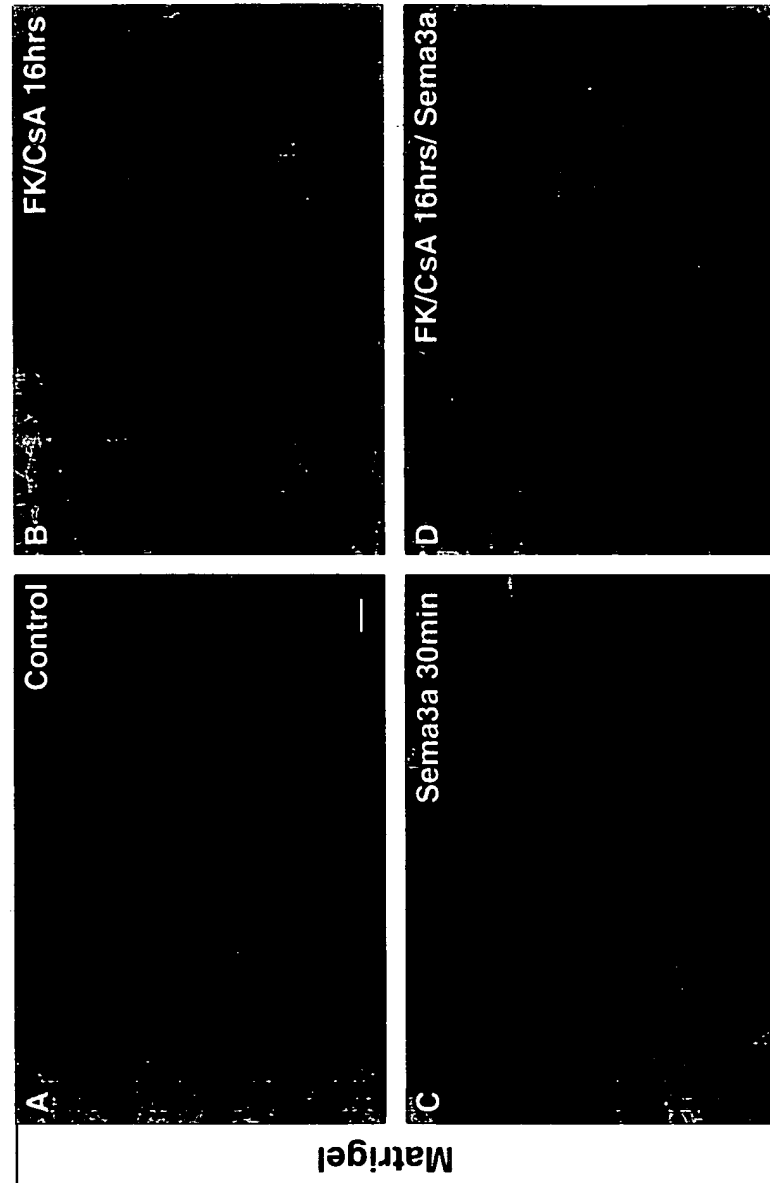


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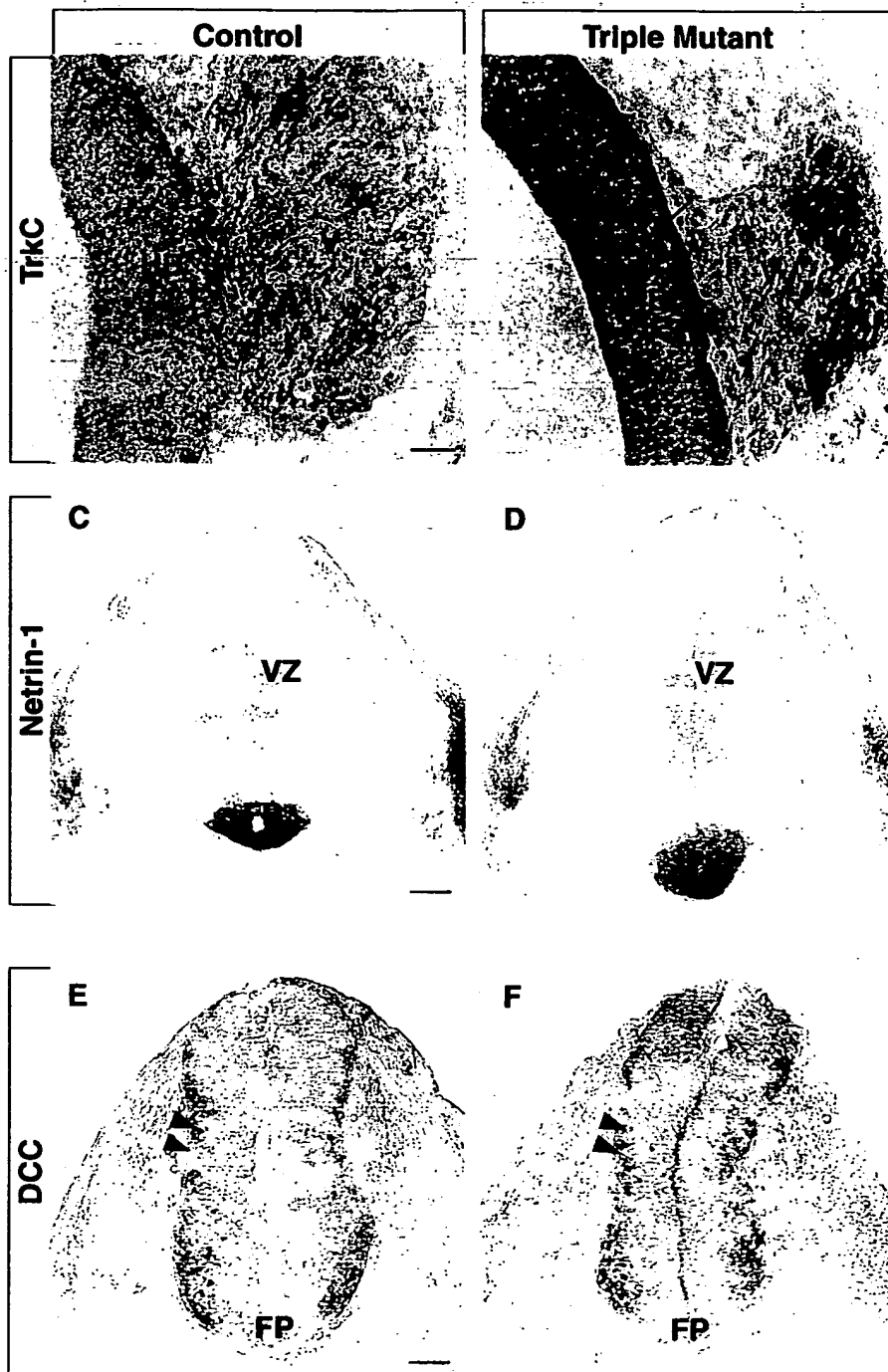


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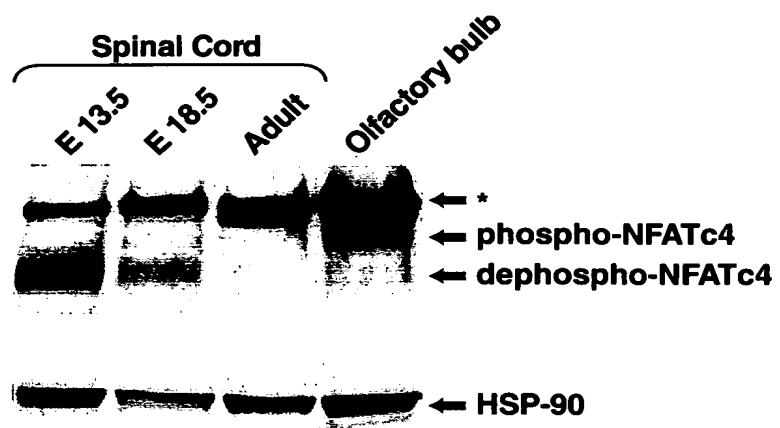


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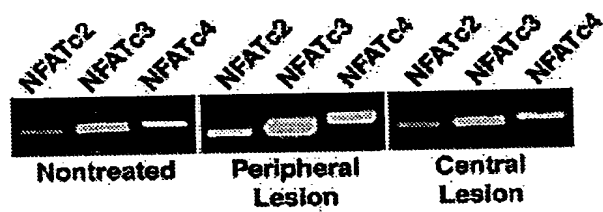


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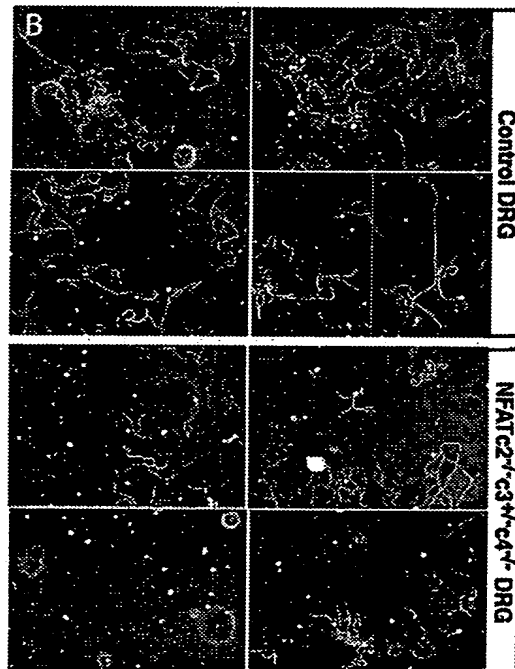


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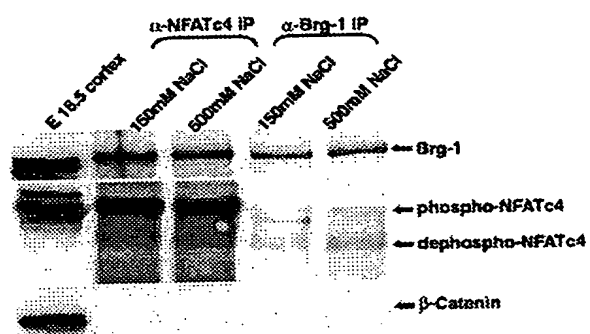


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